

L1 199 S (BLACK MASK OR BLACK MATRIX) (P) (COLOR FILTER?)  
 L2 111 S L1 AND (RESISTIVITY OR RESISTANCE)  
 L3 35 S L1(P) (CHROMIUM OR TITANIUM OR MOLYBDENUM OR NICKEL OR TA  
 NTA  
 L4 20 S L3 AND (RESISTIVITY OR RESISTANCE)

=> d 14 1-20

1. 5,658,697, Aug. 19, 1997, Method for producing color filters by the use of anionic electrocoats; Hsien-Kuang Lin, 430/7; 205/122 :IMAGE AVAILABLE:

2. 5,637,380, Jun. 10, 1997, Composition for a protective film, color filter-provided substrate using it and liquid crystal display device; Atsuko Kaneko, et al., 428/204, 76, 205; 430/7, 272.1, 280.1, 288.1, 321, 961; 522/142, 172, 182 :IMAGE AVAILABLE:

3. 5,633,739, May 27, 1997, Color liquid crystal display device composed of color filter with a layer of three primary color array patterns fabricated by thermal dye transfer technology; Shigeru Matsuyama, et al., 349/106, 110, 122, 138; 430/7 :IMAGE AVAILABLE:

4. 5,626,994, May 6, 1997, Process for forming a black matrix of a color filter; Takashi Takayanagi, et al., 430/7, 6, 25, 321, 413 :IMAGE AVAILABLE:

5. 5,623,353, Apr. 22, 1997, Color liquid crystal device having thickness controlling layers disposed at pixel portions; Akihiko Kanemoto, et al., 349/122, 106 :IMAGE AVAILABLE:

6. 5,561,011, Oct. 1, 1996, Method for manufacturing a substrate having window-shaped coating films and frame-shaped coating film on the surface thereof; Susumu Miyazaki, et al., 430/7, 293, 312, 315, 324, 394 :IMAGE AVAILABLE:

7. 5,527,649, Jun. 18, 1996, Method for forming a substrate having a light shielding layer; Haruyoshi Sato, et al., 430/7, 20, 321 :IMAGE AVAILABLE:

8. 5,521,035, May 28, 1996, Methods for preparing color filter elements using laser induced transfer of colorants with associated liquid crystal display device; Martin B. Wolk, et al., 430/20, 7, 200, 201, 253, 254 :IMAGE AVAILABLE:

9. 5,512,215, Apr. 30, 1996, Shading film for color filter and coating for forming shading film; Shinichi Tachizono, et al., 252/584, 582; 427/162, 164 :IMAGE AVAILABLE:

10. 5,495,354, Feb. 27, 1996, Method of producing a color filter for a liquid crystal display by depositing metal black matrices on a transparent insulating substrate and forming color elements therebetween; Gyoo C. Jo, 349/110, 106 :IMAGE AVAILABLE:

11. 5,493,429, Feb. 20, 1996, Color liquid crystal device having thickness controlling layers disposed at non-pixel portions and between adjacent color filters; Akihiko Kanemoto, et al., 349/106, 122, 181 :IMAGE AVAILABLE:

12. 5,422,194, Jun. 6, 1995, Light-resistant polyaniline light-shielding

film and liquid crystal display device using the same; Masaharu Satoh, et al., 428/704; 252/500, 512, 518; 428/1; 528/422 :IMAGE AVAILABLE:

13. 5,420,708, May 30, 1995, Color filters, including taking out electrodes or post-ito layer; Seiichirou Yokoyama, et al., 349/149, 106, 111, 143 :IMAGE AVAILABLE:

14. 5,400,157, Mar. 21, 1995, Color filter substrate for a liquid crystal display with terminal portions having same height and same material as those of black matrixes; Min-young Won, 349/152, 106, 111, 150 :IMAGE AVAILABLE:

15. 5,278,009, Jan. 11, 1994, Color filter and method of producing the same; Mitsuru Iida, et al., 430/7; 349/106, 122; 359/885 :IMAGE AVAILABLE:

16. 5,248,576, Sep. 28, 1993, Method of producing color filter using a micellar disruption method; Seiichiro Yokoyama, et al., 430/7; 349/106, 110, 187; 430/20, 257, 258, 320, 394 :IMAGE AVAILABLE:

17. 5,231,524, Jul. 27, 1993, Method of manufacturing a top coat; Gerardus C. M. De Keyser, et al., 349/122; 427/284; 428/1 :IMAGE AVAILABLE:

18. 5,095,379, Mar. 10, 1992, Color filter, liquid crystal display using same and method of repair thereof by using a negative photosensitive resin; Tetsuya Fukunaga, et al., 349/192, 106; 430/91, 143 :IMAGE AVAILABLE:

19. 4,934,791, Jun. 19, 1990, Color filter; Tokihiko Shimizu, et al., 349/107; 252/582; 349/110; 359/891 :IMAGE AVAILABLE:

20. 4,853,296, Aug. 1, 1989, Electrode plate for color display device; Kenzo Fukuyoshi, 428/623; 349/106, 111, 123, 147; 428/1, 626, 630, 652, 667, 680 :IMAGE AVAILABLE: